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ABSTRACT OF THE DISCLOSURE

A system for designing an integrated circuit (IC). The system generally comprising a circuit and a programmable portion used for diagnostics and finding bugs. The circuit generally comprises (i) a functional portion and (ii) a logic portion that may be connected to the functional portion. The logic portion generally includes one or more interfaces. The programmable portion may be configured to detect, correct and/or diagnose errors in the logic portion through the one or more interfaces.

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